



OIL - REPLACE THE FUEL COOLED OIL COOLER ATTACHING BOLTS - CATEGORY CODE 4 -
MOD.ENG-79-0019

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines Serial No.s V0004, V0006 and all odd numbered Engines from V0007 through V0073

B. Reason

(1) Condition

The existing Fuel Cooled Oil Cooler (FCOC) attaching bolt fitted at engine manufacture may have been the incorrect part number.

(2) Background

The incorrect FCOC attaching bolt AS21514 may have been installed rather than the correct attaching bolt AS22514 during engine manufacture.

(3) Objective

To check the part number and replace the incorrect bolt with the correct one.

(4) Substantiation

Substantiation is not necessary.

(5) Effect of Bulletin on Workshop Procedure:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information:

None

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**C. Description**

- (1) Check the part number and replace the incorrect bolt with the correct one.

D. Approval

The part number changes and/or part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category Code 4

Accomplish at the first visit of an engine or module to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action or the reason for engine removal.

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
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(1) In service	TOTAL 20 minutes
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(a) To open the fan cowl door 7 minutes
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(b) To embody 5 minutes
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(c) To close the fan cowl door 8 minutes
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TOTAL	20 minutes
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(2) At overhaul

Not applicable. No additional time required to maintain the new configuration.

G. Material – Price and Availability

(1) Modification kit not required.

(2) See "Material Information" section for prices and availability of future spares.

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H. Tooling - Price and Availability

Special tools are not required.

I. Weight and Balance

(1) Weight change	None
(2) Moment arm	No effect
(3) Datum	Engine front mount centerline (Power Plant Station (PPS) 100)

J. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

K. Reference

(1) Internal Reference No.

89VJ956

(2) Other References

The A320 Aircraft Maintenance Manual, 71-13-00.

The V2500 Engine Illustrated Parts Catalog, 79-21-43.

L. Other Publications Affected

None



2. Accomplishment Instructions

A. Prerequisite Instructions

NOTE: For uninstalled engines (without Fan Cowl) this step is not applicable.

- (1) Open the Left Fan Cowl. Refer to Aircraft Maintenance Manual TASK 71-13-00-010-010.
- (2) Check the part number marked on the head of the bolt (79-21-43, 01-320).
 - (a) If the marked part number is AS22514, the bolt is correct and no further instruction is required.
 - (b) If the marked part number is AS21514, the bolt is incorrect and proceed to the Removal Instructions.

B. Removal Instructions

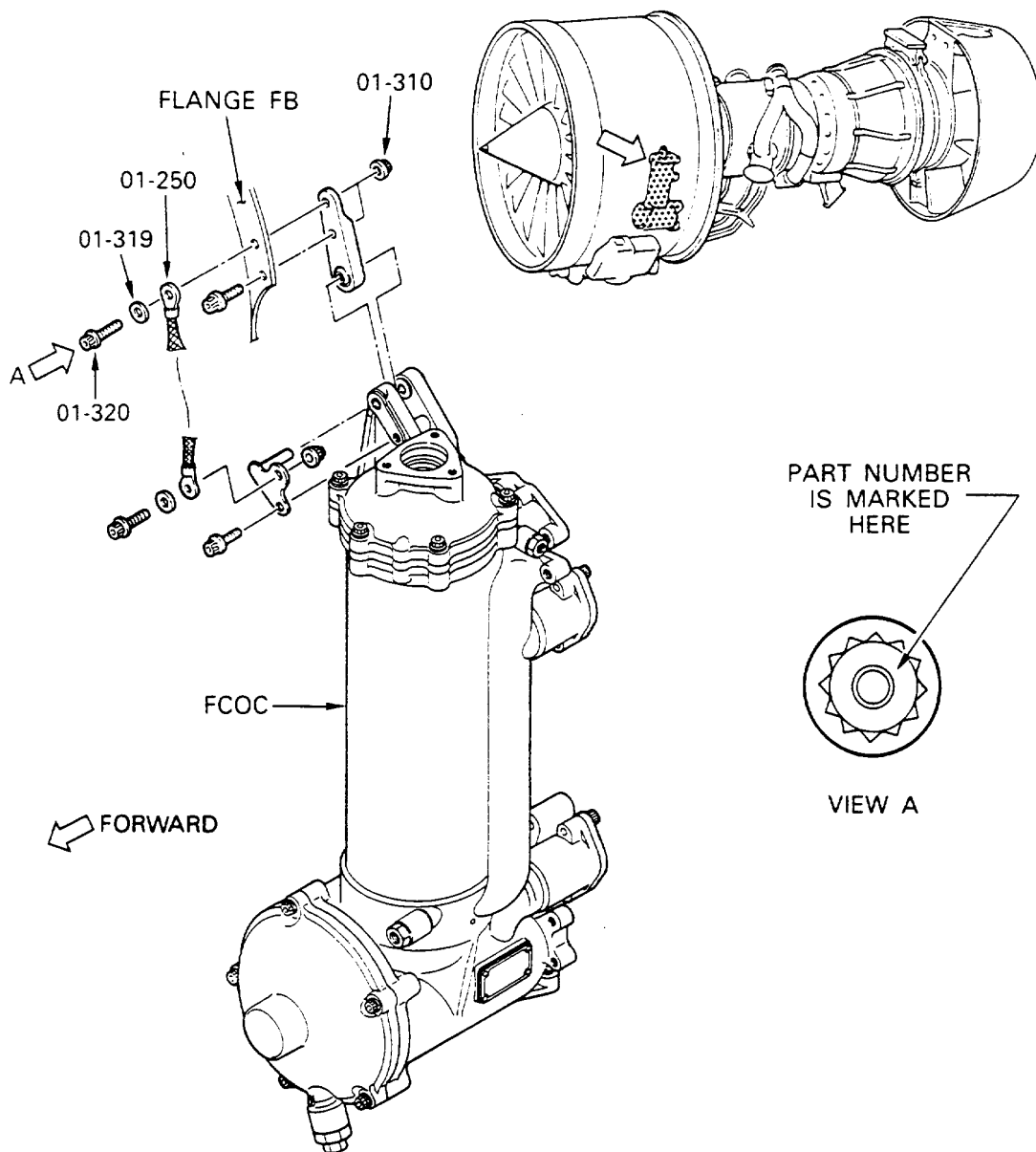
- (1) Remove the two bolts (79-21-43, 01-320). Refer to Figure 1.
- (2) Replace the AS21514 Bolt with the AS22514 Bolt.

C. Installation Instructions

- (1) Install the AS22514 Bolt and torque the nut (79-21-43, 01-310) to between 85 and 95 lbfin (0,96 and 1,07 mdaN).

D. Postrequisite Instructions

- (1) Close the Left Fan Cowl. Refer to Aircraft Maintenance Manual, TASK 71-13-00-410-010.



Fuel Cooled Oil Cooler
Fig.1

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3. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected by this Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
AS22514 (79-21-43)	1	2.81	Bolt, Close TOL double HEX	AS21514 (01-320)	(S1)(A)(B)

C. Instruction/Disposition Code Statements:

- (S1) The new part coded (S1) must replace the old part coded (S1).
- (A) The new part currently available.
- (B) The old can be used up on other applications.

NOTE: The estimated 1991 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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